GE
Lighting

office

working with smart solutions

New lighting reduces energy use

GE's energy-efficient lighting helps enhance Westbrook Corporate Center

THE SITUATION

Owners of the Westbrook Corporate Center were plagued with complaints from its business tenants who wanted to replace the outdated and inefficient lighting systems while reducing maintenance costs and energy consumption. The owners also faced the challenge of scheduling the upgrades, so they would not disturb the tenants during business hours.

THE SOLUTION

GE Lighting and Trane collaborated to improve Westbrook's working environment through more improved lighting and new HVAC systems, which have both decreased energy usage and costs while maintaining comfort for tenants.

In the rooms chosen for lighting retrofits, GE installed T8 linear fluorescent lamps, which replaced traditional fluorescent fixtures and are now combined with improved ballasts for even greater energy efficiency. Conference rooms, which previously featured older T8 and T12 lighting, now have GE's Lumination™ BT Series Recessed LED Troffers. The new lighting solution is expected to last 10–15 years, increasing lighting reliability and decreasing costs due to predictive maintenance.

"The GE team was clearly driven to lower energy use. The best way we found to do that was looking at HVAC and lighting as a combined solution. We expect to be in the hundreds of thousands of dollars in energy savings."

- Dan Brandolino, Solutions Sales Lead, Chicago, West Michigan Trane

Westbrook tenants and customers now have greater comfort and a more energy-efficient atmosphere, and the project is expected to yield significant energy savings each year.

For more information about the GE Lighting products used in this project, visit **gelighting.com**.

For more information about the HVAC solutions, visit **trane.com**.

OPERATING IMPACT

- Significant energy savings each year
- Reduced maintenance needs and costs
- Increased lighting visibility

ENVIRONMENTAL IMPACT

- Enhanced working environment
- Reduction of annual kWh hours

imagination at work

© GE 2014 VERT020 11/24/14